MICRON.198C1DV1 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	L ₁ , et al.)	Group Art Unit Unknown
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App. No.	:	Unknown)	
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For	:	METHODS OF INCREASING)	
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Examiner	:	Unknown)	

INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office P.O. Box 2327 Arlington, VA 22202

Dear Sir:

Enclosed are copies of PTO-1449 and 892 listing 19 references. These references are of record in related applications No. 09/618,504, filed July 18, 2000 and 09/964,218, filed September 25, 2001. Therefore, copies of the references are not enclosed. This Information Disclosure Statement is being submitted upon filing, and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1).

Identification herein is not an admission that any of the foregoing references are prior art to the above-captioned application.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: July 1, 2003

Michael S. Okamoto Registration No. 47,831 Attorney of Record Customer No. 20,995 (310) 551-3450

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

ATTY, DOCKI	ET NO.	
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APPLICATION NO. 09/618,504 Un KNOWN

APPLICANT S. Li, et al.

 GROUP

U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING (IF APPR	DATE OPRIATE)	
		6,005,798	12/21/99	Sakakima et al.					
		6,005,800	12/21/99	Koch et al.					
		6,111,782	08/29/00	Sakakima et al.					
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				FOREIGN PATENT DOCUMENTS		•			
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SHEET 1 OF 1

FORM PTO-1449

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INFORMATION DISCLOSURE STATEMENT

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FILING DATE July 18, 2000 Herewith **GROUP** 2753-

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME .	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)		
	5,496,759	5/5/96	Yue et al.					
	5,748,519	5/5/98	Tehrani					
	. 5,861,328	1/19/99	Tehrani et al.					
	5,917,749	6/29/99	Chen et al.					
	6,005,800	12/21/99	Koch et al.					
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	Pohm et al., "Experimental and Analytical Properties of 0.2 Micron Wide, Multi-Layer, GMR, Memory Elements", <u>Transactions on Magnetics</u> , Vol. 32, September 1996	, No. 5,						
	<u> </u>							

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DATE CONSIDERED

COPY ()	Application/Control No. O9/818,504 University Applicant(s)/Patent Under Reexamination LI ET AL.					
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U.S. PATENT DOCUMENTS

		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classi	fication
1	·A	US-6236590	05-2001	Bhattacharyya et al.	365	173
√	В	US-6111782	08-2000	Sakakima et al.	365	158
	С	US-	·			
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FOREIGN PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

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Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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•	FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY, DOCKET NO. MICRON. 1984- 1986 DV	APPLICATION NO. 99/016,504 VnKYOW N	
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Li, et al.		
	(USE SEVERA	L SHEETS IF NECESSARY)	FILING DATE July 10, 2000 Herewith	GROUP 2848-	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	5,892,708	04/06/99	Pohm			
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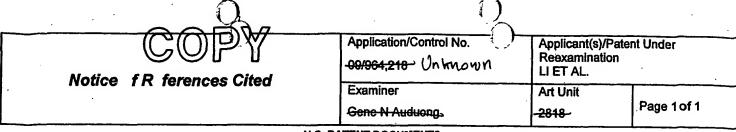
FOREIGN PATENT DOCUMENTS							
EXAMINER	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
INITIAL						YES	NO
	0 681 338 A1	11/08/95	European Patent Office				
	0 936 623 A2	08/18/99	European Patent Office				
	1 061 592 A2	12/20/00	European Patent Office				
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U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classi	fication
	Α	US-5841611 /	11-1998	Sakakima et al.	360	113
	В	US-6005798 🗸	12-1999	Sakakima et al.	365	158
	С	US-6005800 V	12-1999	Koch et al.	365	173
	D	US-6111782 🗸	08-2000	Sakakima et al.	365	158
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FOREIGN PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

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